Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
Data File : VX025964.D
Acq On : 21 Dec 2021 18:05
Operator : JC/MD
Sample : M5126-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 22 05:40:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
C0J14

Manual Integrations APPROVED

Reviewed By :John Carlone 12/22/2021
Supervised By :Mahesh Dadoda 12/22/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	135846	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	129863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54690	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49266	44.983	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.960%			
7) Chloroethane-d5	1.666	69	45927	50.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.440%			
11) 1,1-Dichloroethene-d2	2.306	63	70605	37.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.240%			
21) 2-Butanone-d5	4.459	46	80834	102.310	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.310%			
24) Chloroform-d	5.062	84	103370	49.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.480%			
26) 1,2-Dichloroethane-d4	5.958	65	70853	51.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.500%			
32) Benzene-d6	5.977	84	200735	51.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.040%			
36) 1,2-Dichloropropane-d6	7.312	67	85207	71.104	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 142.200%#			
41) Toluene-d8	8.653	98	279371	74.784	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 149.560%#			
43) trans-1,3-Dichloroprop...	8.952	79	33980	64.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 128.440%#			
47) 2-Hexanone-d5	9.384	63	83727	155.430	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 155.430%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	85999	50.658	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.320%			
66) 1,2-Dichlorobenzene-d4	12.323	152	57249	49.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.320%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	2342	2.753	ug/L #	1
19) 1,1-Dichloroethane	3.617	63	1290	0.713	ug/L	89
30) 1,1,1-Trichloroethane	5.391	97	2408m	1.511	ug/L	
34) Trichloroethene	7.135	95	13939	13.115	ug/L	81
37) 1,2-Dichloropropane	7.440	63	3746	3.698	ug/L #	92
42) Toluene	8.720	91	4430	1.000	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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